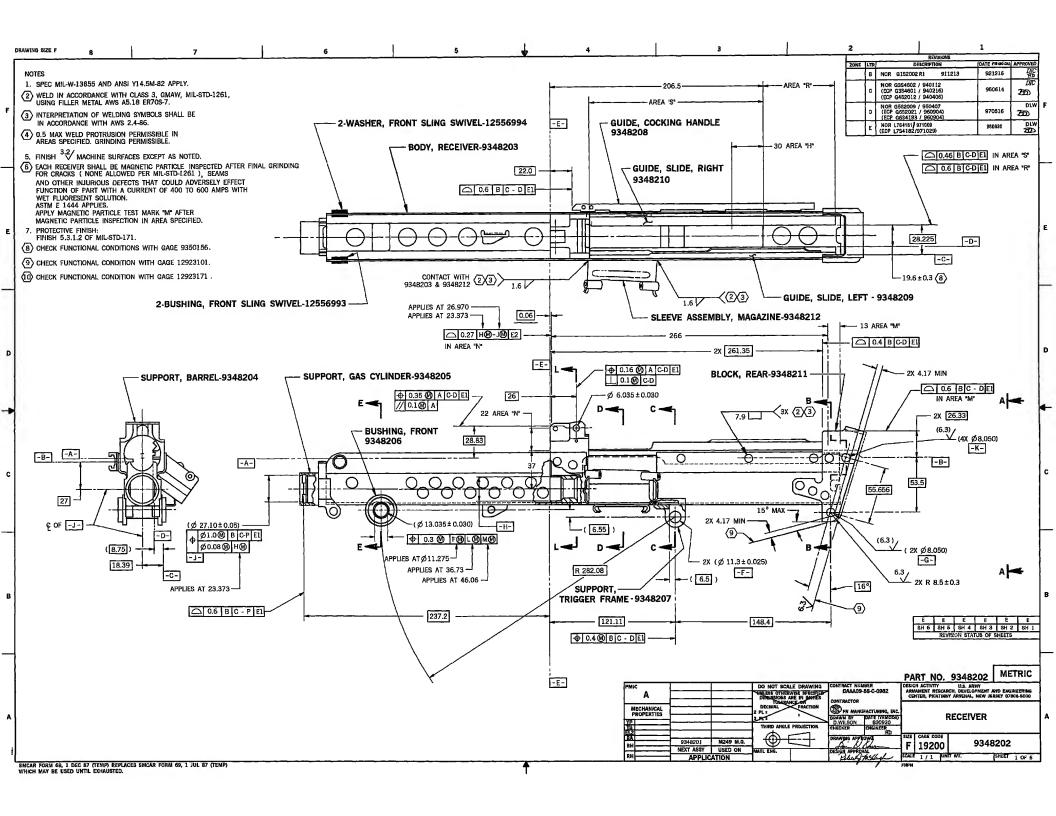
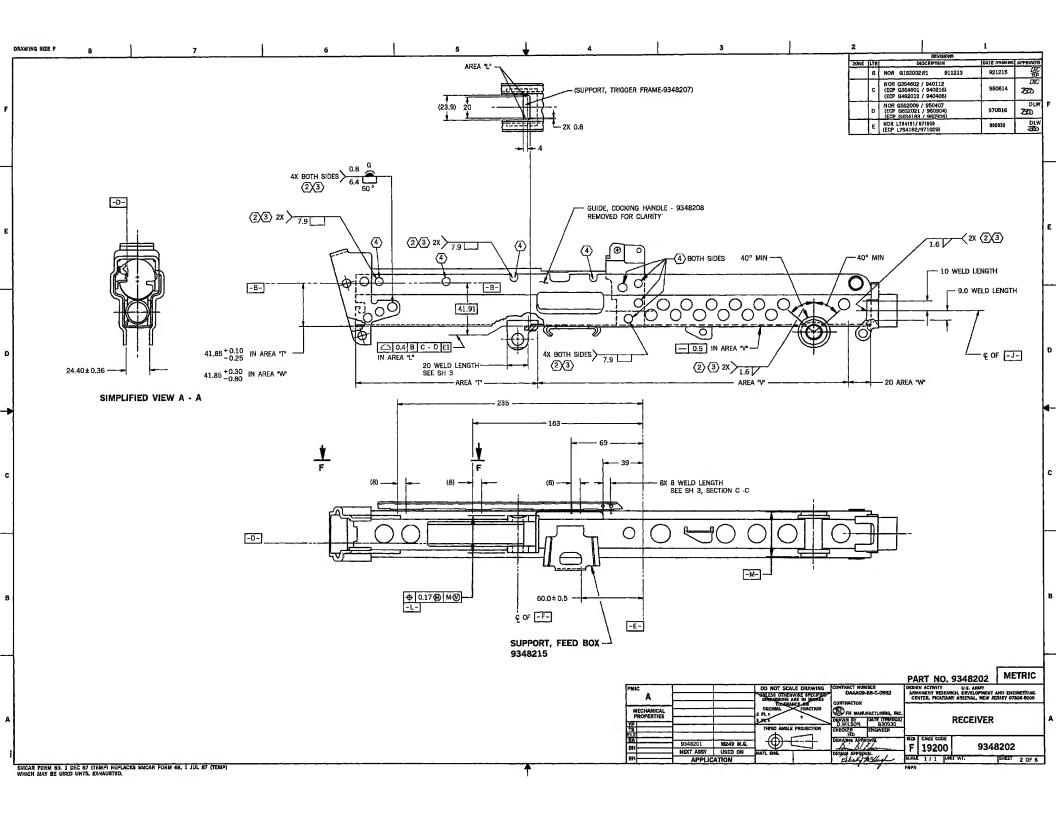
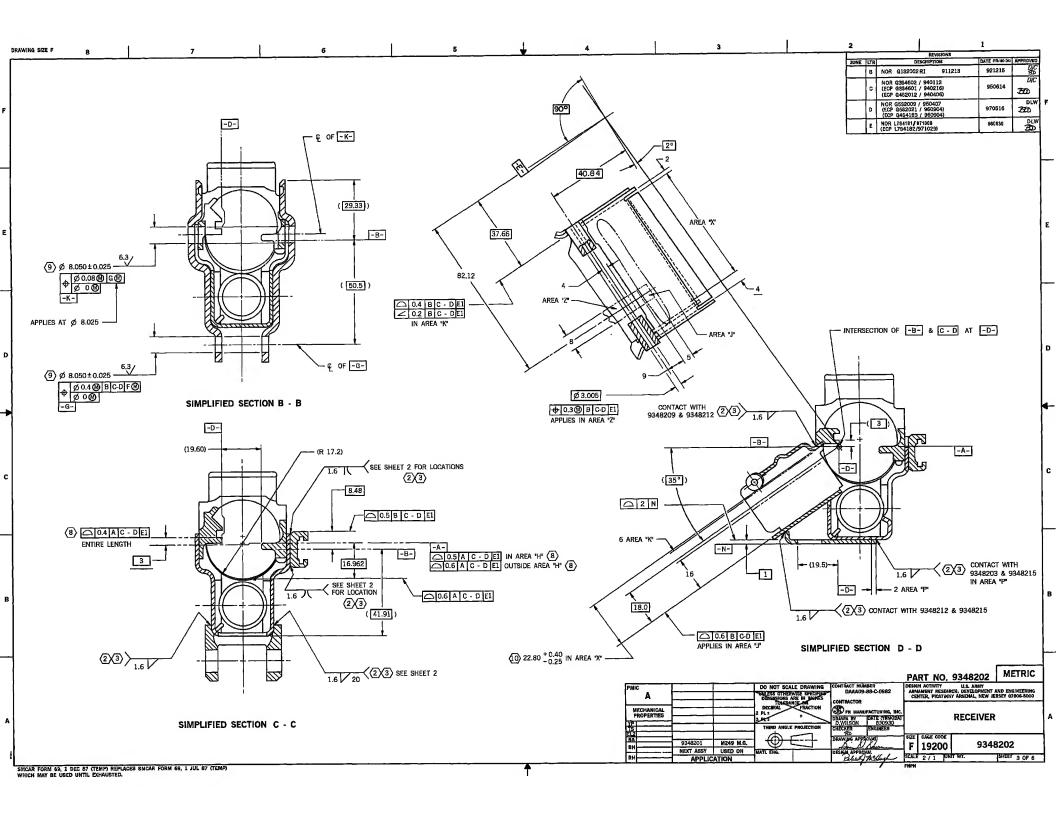
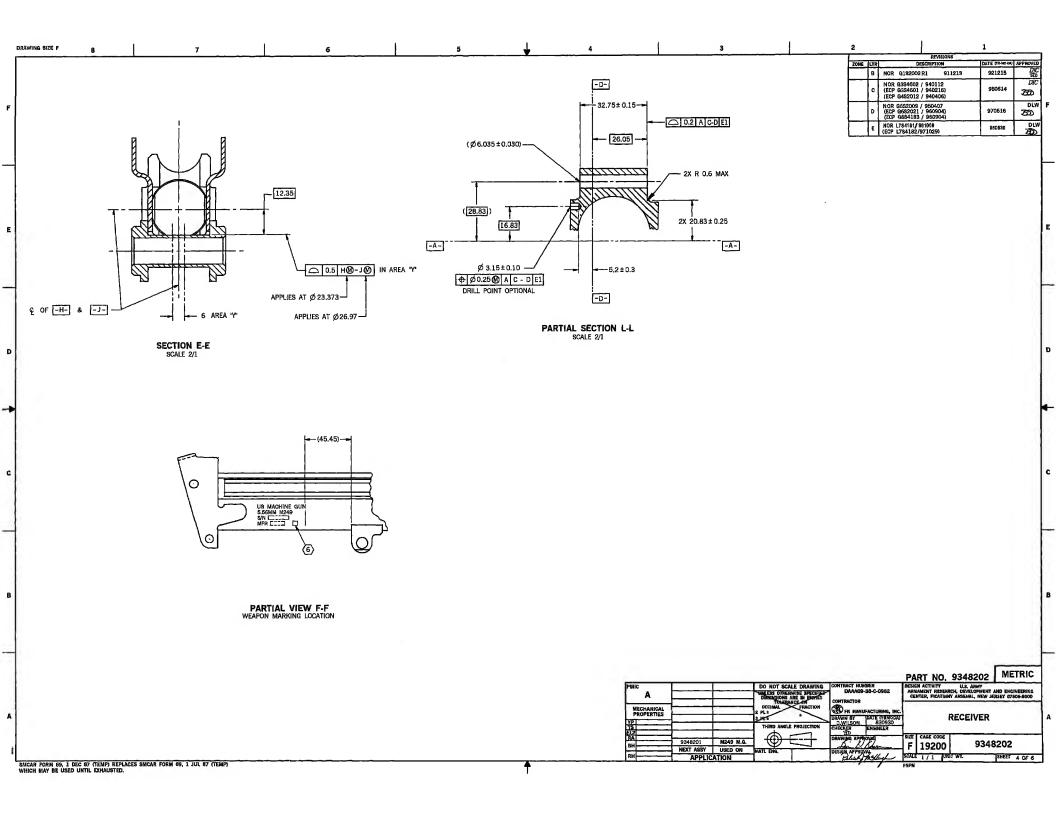


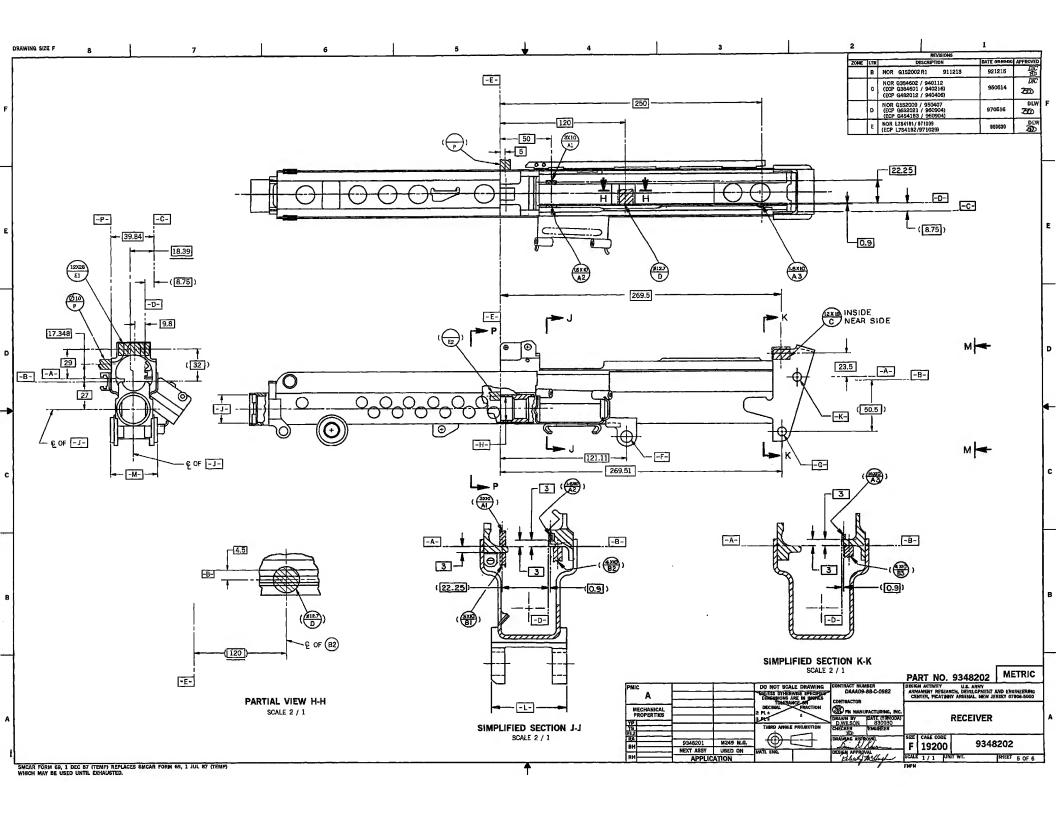
IS 3. ACHVIOLACCOMPLISHING REVISION	ரி புர்க் உரு. Chief, CCAC சில் & Field Spt Team	ACTIVITY AUTHORIZED TO TACOMESED TO	17:1	UPDATE SHEETS 2-6 OF	TO: "AWS A2.4-86"	HANGE: ON FROM: "AW	MACHINE GUN, 5.56MM; N  12. CONFIGURATION OF CHANGE.	RECEIVER	9. THE OF DOCUMENT	a. TYPED NAME (First, Middle Initial, Lass)  Define The process	PLEASE DO NOT RETURN YOUR CEMPLETED T GOVERNMENT ISSUING CONTRACTING OFFIC THIS FORM.	Public reporting budden for this collection of information calating data pources, gathering and maintaining the date; burden estimate of any other aspect of this collection of at Directorate for information Operations and Reports, 1215 and Budget, Paperwork Reduction Project (0704-0188) W	This revision described below ha
<b>,</b> p		(2) Revised decument supported by the NOK may be used in including units (2). Revised decument must be received before manufacturer may incorporate this change.  (3) Custodian of master decument shall make above revision and furnish revised document. APPROVE CHANGE FOR GOVERNMENT  e. TYPED NAME: (First, Middle Initial, Language).	NLY	UPDATE SHEETS 2-6 OF 6 TO THE NEXT REVISION LEVEL TO MAINTAIN CONTINUITY.		OTE 3:	MACHINE GUN, 5.56MM; M249	ER a. CURRENT E	Picatinny Arsenal, NJ 07806-5000	AMSTA-AR-CCL-A	PLEASE <u>DO NOT</u> RETURN YOUR CFMPLETED TO BITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE COVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT! PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.	Public reporting burden for this collection of information is estimated to average 1 hours per response, including the time for reviewing instructions, search existing data sources, gettiering and maintaining the date needed, and completing and recleving the collection of information. Send comments regarding this burden estimate of any other aspect of this collection of information including suggestions for reducing this burden to Washington Headquarters Services. Directorate for information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Artington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188). Washington DC 20503.	NOTICE OF REVISION (NOR)  This revision described below has been authorized for the document listed.
c. DATE SIGNED (FTMMDD)	(BRIELIE)	Tring rease this change, revised document, Middle Initial, Last)		MAINTAIN CON			NOR SH. 1 OF 1	Jr. NEW	19200	5. CAGE CODE 19200	FORM TO THE ER LISTED IN ITEM 2 OF	Niewing instructions, searching and comments regarding this on Headquarters Services, on the Office of Management	1. DATE (ITAIAIDD) 000731
IGNED	(1,00/G)			IJNUITY.				00SAW-002	F 9348202	LOS2034 – F9348202	3. DODACC	2. PROCURING ACTIVITY NO. LOS2034	Form Approved OMB NO. 0704-0188

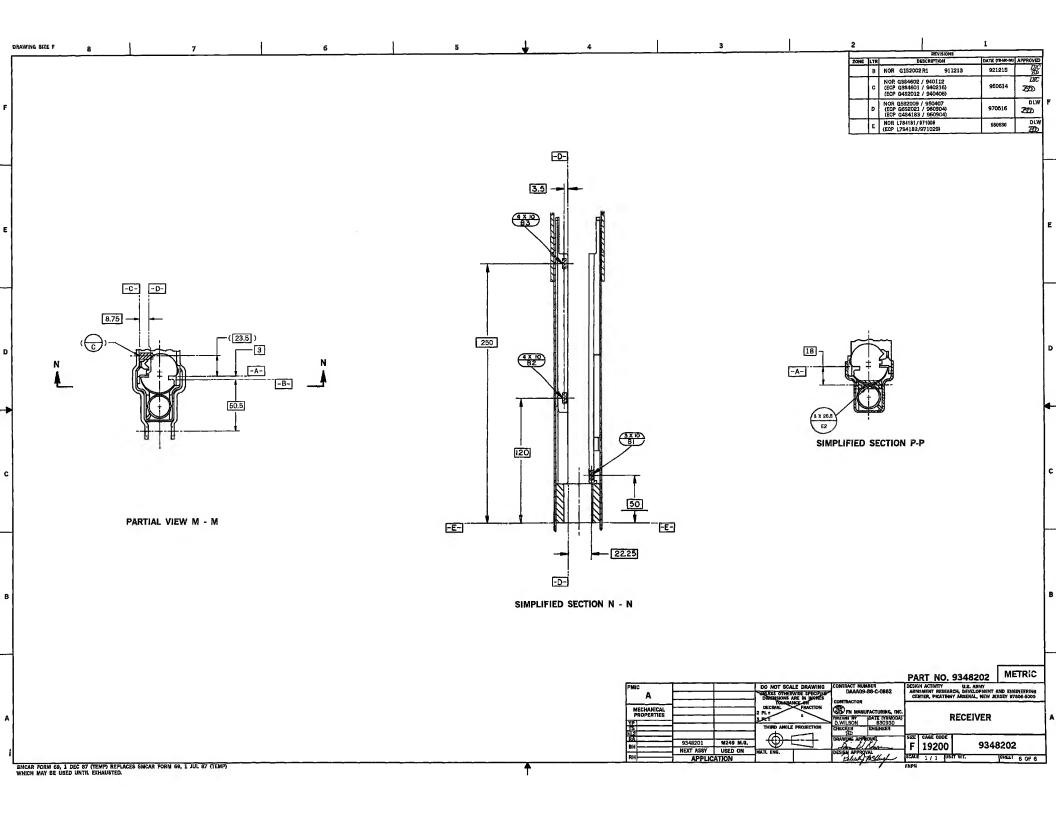


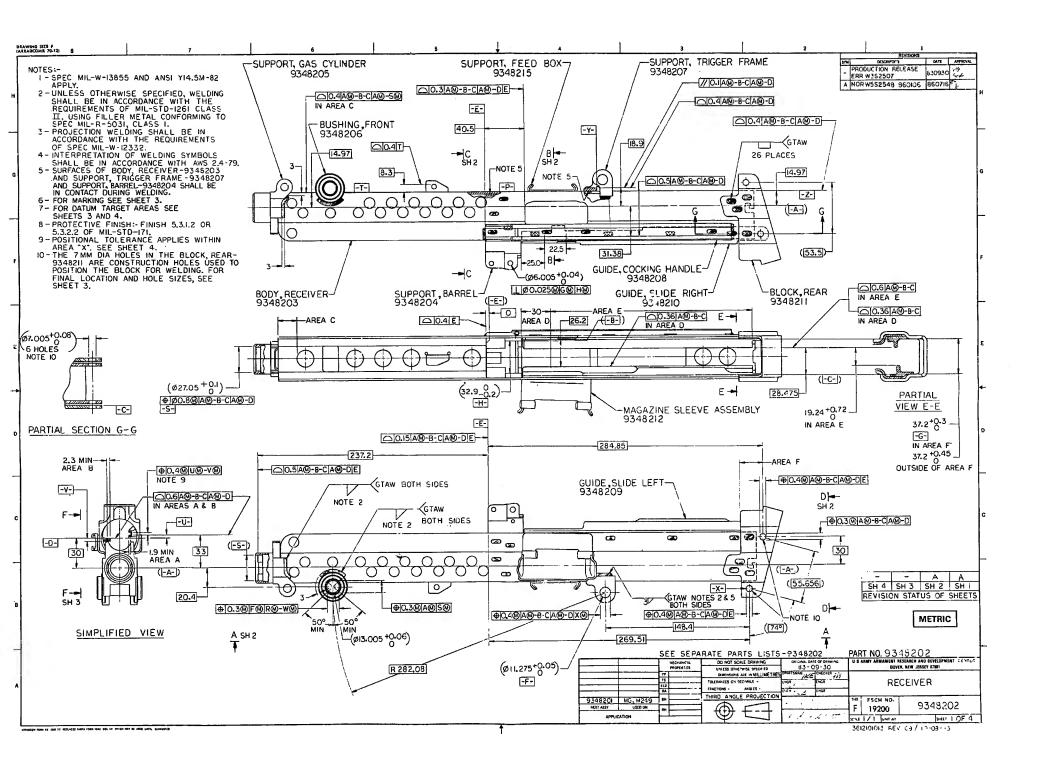


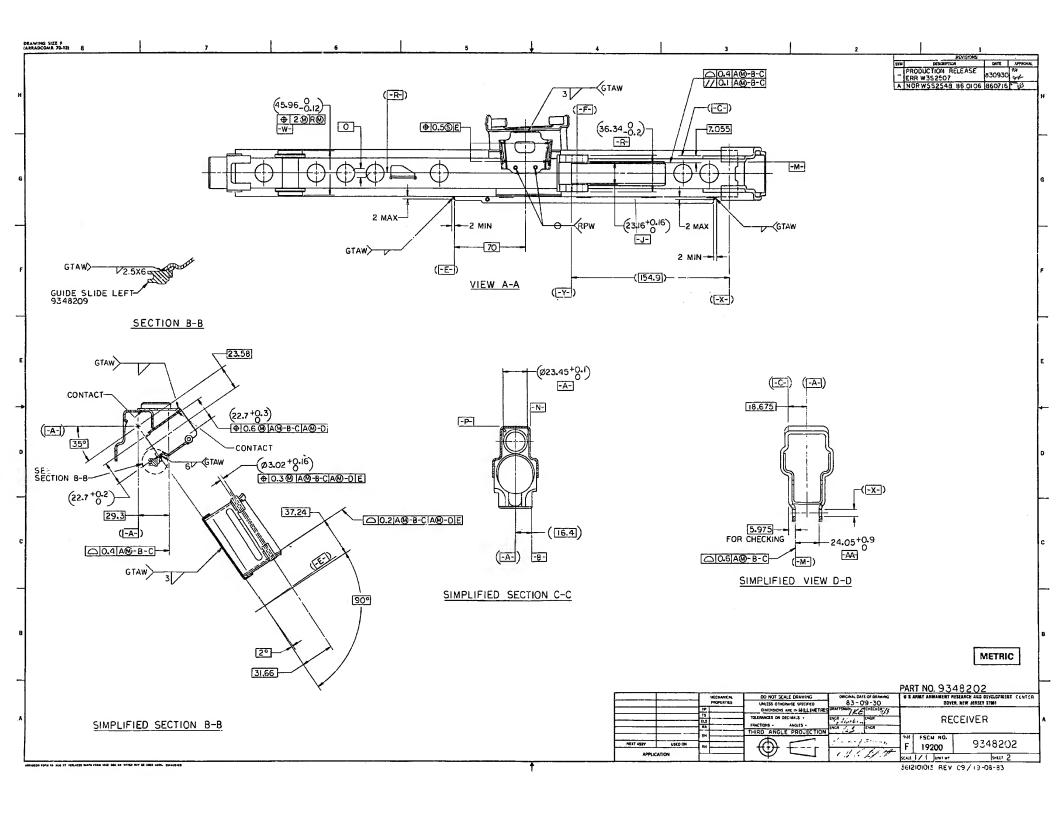


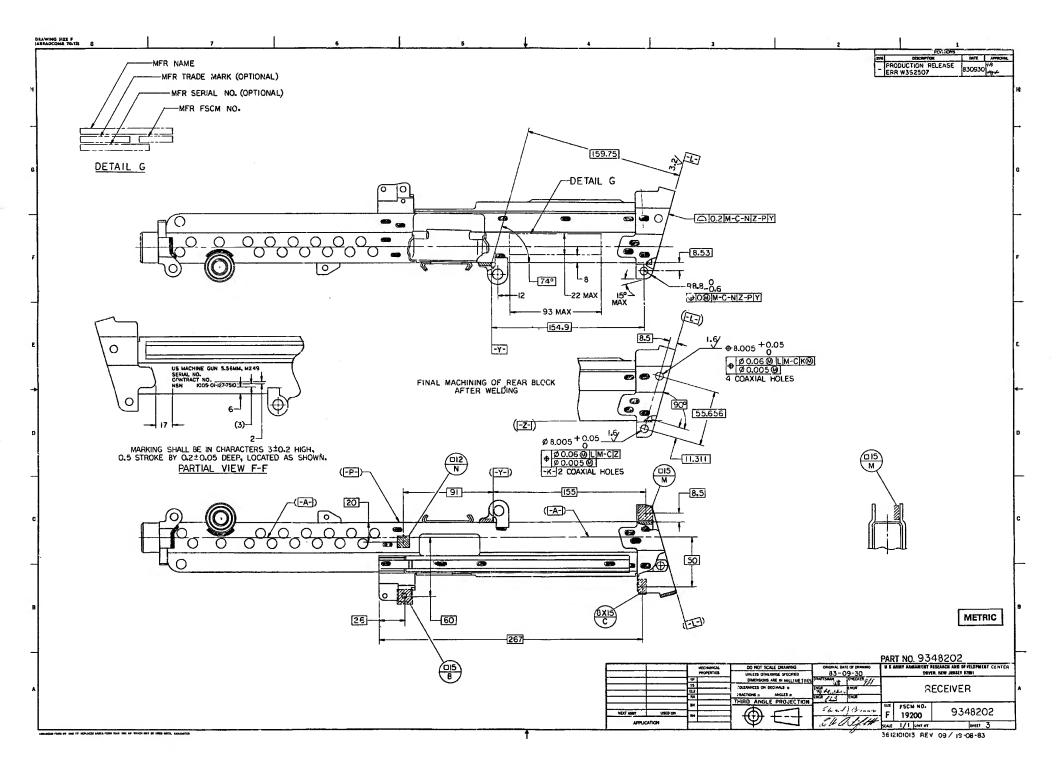


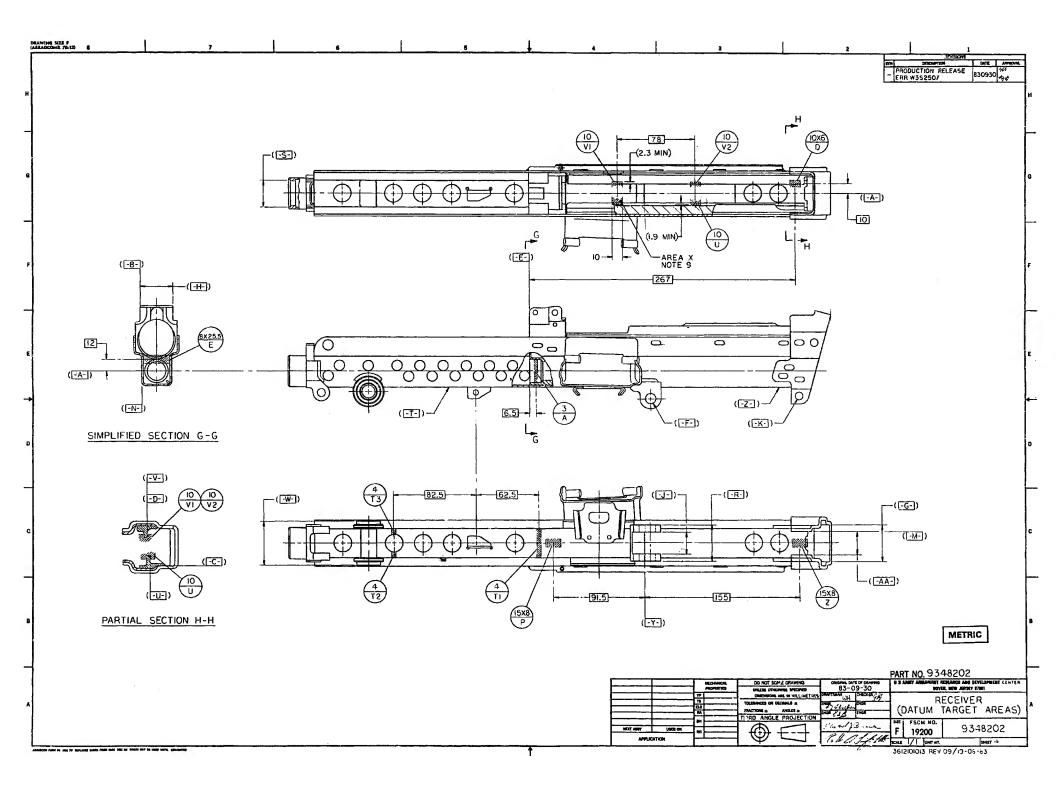












## QUALITY ASSURANCE PROVISION (QAP)

(DARCOM - R 702 - 10)

1. COMMAND AGENCY

## U.S. ARMY ARMAMENT R, D & E CENTER PICATINNY ARSENAL, N J 07806 - 5000

THESE CAPS FORM PART OF DRAWING / SPECIFICATION 9348202

AS SPECIFIED IN THE CONTRACT.
INSPECTION SHALL BE CONDUCTED AS SPECIFIED HEREIN AND IN ACCORDANCE WITH REFERENCED DOCUMENTS.

UNLESS OTHERWISE SPECIFIED HEREIN OR IN THE CONTRACT , THE PROVISION OF MIL - W - 63150 SHALL APPLY AND ARE MADE A PART OF THIS DETAIL QAP.

## PART I LIST OF APPLICABLE DOCUMENTS LIST OF DRAWINGS

NOMENCLATURE

NUMBER

(Inspection Position M)	Sleeve Assembly, Magazine	9348212
(Inspection Position J)	Block, Rear	9348211
(Inspection Position H)	Guide, Slide, Right	9348210
(Inspection Position G)	Guide, Slide, Left	9348209
(Inspection Position F)	Guide, Cocking Handle	9348208
(Inspection Position N)	Support, Feed Box	9348215
(Inspection Position L)	Bushing, Magazine Sleeve	9348214
(Inspection Position K)	Body, Magazine Sleeve	9348213
(Inspection Position E)	Support, Trigger Frame	9348207
(Inspection Position D)	Bushing, Front	9348206
(Inspection Position C)		
(Investment Cast)	Support, Gas Cylinder	9348205
(Inspection Position B)	Support, Barrel	9348204
(Inspection Position A)	Body, Receiver	9348203
(Inspection Position P)	Receiver	9348202

## DISTRIBUTION STATEMENT A, UNLIMITED

						REVISIONS	ONS								
4.RELEASE															
NUMBER	G1S2002R1	G5S2009	2009	L7S4181	4181										
5. DATE	921215	970516	516	980	980630										
4.RELEASE															
NUMBER															
5. DATE				1		7()				7					
REVISION	6. REVISION	F	F	F	H	71	F	H	٦	ग	F	Ŧ	F	디	ᆔ
STATUS	7. SHEET	1	2	3	4	Çī	6	7	8	9	10	11	12	13	4
유	6. REVISION														1
SHEETS	7. SHEET														
B. QAP FOR:									9				CAGE	CAGE CODE	
	RECE	RECEIVER: M249 M.G.	82	49 3	G. /					4		_	19	19200	•
9. SUBMITTED BY: ARDEC - SMC	SUBMITTED BY: ARDEC - SMCAR - QAF - S/(DY	s (D)	Sim	E.	Cour	1	•		16. Q	10. QAP NO.	9	9348202	Ñ		Ì
11. DATE 830930 c	12 APPROVED, BY	O SW:				13. REI W	13. RELEASE NO W3S2507	7 0	14. P	14. PAGE NO.		5. NO	15. NO OF PAGES 14	SES	
DARCOM 1 APR 79	APR 79														

## QUALITY ASSURANCE PROVISION (QAP) - (CONTINUATION SHEET) (DAR R 702 - 10)

## LIST OF STANDARDS

### NUMBER

### NOMENCLATURE

MIL-STD-105

by Attributes. Sampling Procedures and Tables for Inspection

MIL-STD-2175 MIL-STD-1261

Welding Procedures for Constructional Steels Casting Classification and Inspection of

## LIST OF SPECIFICATIONS

### NUMBER

### NOMENCLATURE

MIL-C-16173 QQ-C-320 MIL-L-3150

Chromium Plating (Electrodeposited) Corrosion Preventative Compound, Solvent Lubricating Oil, Preservative, Medium

Cutback, Cold-Application

DOD-P-16232 Phosphate coating, heavy, manganese or zinc base

(for ferrous metals)

MIL-W-63150 Weapons and Support Materiel, Standard Quality

Assurance Provisions for

DOD-P-63477/8-99P Pin, Spring

### NUMBER

### LIST OF PUBLICATIONS NOMENCLATURE

ASTM E 18

ASTM-E-1444 **ASTM B 117** 

Standard Methods of Test for Rockwell Hardness and

Rockwell Superficial Hardness of Material

Standard Method of Salt Spray (Fog) Testing

Standard Practice For Magnetic Particle Examination

REVISION SYMBOL C 921215 U 950614 E, 970516 T 980630 CAGE CODE 19200 14. PAGE NO. 10. QAP NO 9348202

DARCOM 1 APR 79 2484-R

AND DATE

## PART II QUALITY PROVISIONS

- <del>. -</del> disapproved by the Government. The Government reserves the right to for the performance of the inspection requirements specified herein, unless requirements as specified herein. Except as otherwise specified in the the contractor is responsible for the performance of all inspection contract, the contractor may use his own or any other facilities suitable to prescribed requirements. inspections are deemed necessary to assure supplies and service conform perform any of the inspections set forth in the specifications where such Responsibility for Inspection. Unless otherwise specified in the contract,
- First Article Inspection.
- 7 compliance with any of the requirements. examinations and tests specified in this QAP and be inspected for Government, the sample items may be subjected to any or all of the accordance with the terms of the contract. As determined by the five (5) items shall be submitted for inspection and approval in Unless otherwise specified, a first article sampling consisting of
- 7 7 Rejection. failure to comply with any of the requirements. applicable requirements, the first article sample shall be rejected The Government reserves the right to terminate inspection upon any If any sample item fails to comply with any of the
- Quality Conformance Inspection
- Ω Part IV "Certification Provisions" of this QAP. characteristics contained in Part III "Inspection Requirements" and Quality Conformance Inspection shall consist of inspection of all
- 3.1.1 All other quality characteristics not specifically listed herein are subject to inspection under the contractor's quality or inspection system.

					CAGE CODE
					19200
76.	C 921215	D 950614	C 921215 D 950614 E 970516	F 980630	10. QAP NO:
REVISION					9348202
SYMBOL					14. PAGE NO.
AND DATE					ပ
DARCOM 1 APR 79	2484-R				

### PART III INSPECTION REQUIREMENTS

# TABLE I CLASSIFICATION OF QUALITY CONFORMANCE CHARACTERISTICS

100% examination shall be performed for critical characteristics unless otherwise stated. Examination for major and minor characteristics shall be characteristics contained herein. Inspection Level II shall be used and performed in accordance with the classification of quality conformance individual AQL's applied in accordance with MIL-STD-105.

CLASS
CHARACTERISTICS
ZONE
AQL
INSPECTION METHOD

# INSPECTION POSITION A: BODY, RECEIVER - DWG - 9348203

209 210	208	207	206	C02	204	203	202	201	MINOR	102	MAJOR: 101 P
All Markings Present and Proper Profile(0.3) of 15.1	Profile (0.2) of 97.5	Profile ( 0.4 ) of 249.3	Position (0.3) of 42.75	Edge Magazine Cutout	PTOTILE ( U.Z ) OT / Z.65	Profile (0.4) of 239.15	Profile (0.4) of 11.10	Profile ( 0.3 ) of 68.25	<u>)R</u> :	Inside Width 26.75, in area "X"	<u>OR:</u> Profile ( 0.4 ) of 37.94, 45 Degree
	F-6,			4.	J						
C-3	F-7	φ	D-3	4	) ( 4	. φ . ω	B-3	B-4		D-7	ဂ
Sht.4	Sht.3	Sht.3	Sht.3	Snt.4	Sht.3	Sht.3	Sht.3	Sht.3		Sht.1	Sht.4
	1.5	<u>.</u>	1.5	Ċ.	<del>.</del>	. <u>.</u>	1.5	1.5		0.65	0.65
VISUAL SMTE	SMTE	SMTE	SMTE	SM:	SM I	SMTE	SMTE	SMTE		SMTE	SMTE

					CAGE CODE
16.	C 921215	C 921215 D 950614 E 970516	E, 970516	F 980630	10. QAP NO:
REVISION	а.				9348202
SYMBOL					14. PAGE NO.
AND DATE					4
DARCOM 1 APR 79	2484-R				

229	228	227	226	225	224	223	222	221		220	219	218	217	216	215		214		213		212		211	
Workmanship ( see MIL-W-63150 )	Depth of 2.55	Width 6.0	Height of 5.5	Height of 10.0	Position (0.1) of 14.30 Width	Length 24.0	Position (0.2) of Diameter 6.2, (8.5)	Length 20.00		Straightness ( 0.12 ) , In Area U&V	Position (0.1) of 23.9 Width	Profile (0.2) of 8.3	Length 99.0	Width 16.0	Profile (0.2) of 36.96, 2 Places	in Area W	Thickness (1.75) of Receiver	2 Places	Profile ( 0.43 ) of 48.185,	"Y", 2 Places	Profile ( 0.2 ) Inside Area	Area "Z" 2 Places	Profile ( 0.3 ) of 7,925, in	
		₽-2,					ဂ 4		<u>,</u>		C-2	ဂ 4	면-2 2						C-7,		A-6,			
	<del>7</del>	В <u>-</u> З	C-2	<del>7</del>	<u>ъ</u>	□ <b>4</b>	င်	င္ပ	ΠS	က (၃	င္ပ	ပ် (၃	<del>В</del> -3	ρ D	C-7	NOTE	F-7		ဂူ		A-7		B-7	
	Sht.1	Sht.2	Sht.2	Sht.2	Sht.1	Sht.1	Sht.1	Sht. 1	Sht.1	Sht.2	Sht.1	Sht.1	Sht.1	Sht.1	Sht.1	2	Sht.2		Sht.1		Sht.1		Sht.1	
2.5	<u></u>	<u>,</u>			<u>.</u> 5	<u>1</u> .5	1.5			. <del>1</del>	.5 5	1.5	5	<u>ე</u>	1.5		Т		<u>.</u>		<u></u>		1.5	
VISUAL	SMTE	SMTE	SMTE	SMTE	SMTE	SMTE	SMTE	SMTE		SMTE	SMTE	SMTE	SMTE	SMTE	SMTE		SMTE		SMTE		SMTE		SMTE	

# INSPECTION POSITION B: SUPPORT, BARREL - DWG - 9348204 CRITICAL: NONE MAJOR:

111 Position of Barrel Hole Diameter			108 Length 26.05, in Area "Z"					103 Profile (0.2) of Radius 17.2	102 Position of Gas Cylinder Hole	
Hole Diameter	f Barrel Hole	Datum -C-	Area "Z"	(5.95 & 45.85)	Diameter 5.035 of Barrel Latch Pivot Hole	Width		Radius 17.2	linder Hole	Diameter ( 23.50 ) of Gas Cylinder Hole
F-8	F-8	9 8	<u>ဂ</u>	D-6	çı Ö	B-2/3	B-2/3	모	Ф Ф	\ \ \ \
Sht.2	Sht.2	Sht.1	Sht.2 0.65	Sht.1	Sht.1	Sht.1	Sht.1	Sht.1	Sht.2	Sht.2
0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
SMTE	SMTE	SMTE	SMTE	SMTE	SMTE	SMTE	SMTE	SMTE	SMTE	SMTE

				2484-R	DARCOM 1 APR 79
ථා					AND DATE
14. PAGE NO.					SYMBOL
9348202					REVISION
10. QAP NO:	980630	E, 970516	D . 950614	C 921215	16.
CAGE CODE 19200					

		- Annual Control of the Control of t																-								
DARCOM 1 APR 79	M F Z		211 1		208					201 I 202 I	MINOR:	106		<u> </u>	CRITICAL:			210				205			201	MINOR
2484-R	C 921215 D 950614 E 970516 F		Surface Roughness Workmanship	Position of 24.10 Flats Width 33.57	Pin Hole Width 24.10 of Flats	Position of 8.04 Diameter, Retaining	Length 17.78 from -D-	Width 3.93	-	Profile(0.2)of 7.3 Position of 31.60,Outside Diameter of		Cylinder Hole		iameter 27.10 o	CRITICAL: NONE		(see MIL-W-6	Profile(0.43) of (8.375) Profile(0.23) of 31.5—2 Places	, <u>.</u>	r 3.15 of Pin Hole	26.45	Profile ( 0.24 ) of 33.0	(0.4) of 2		Width 20.00	•
	980630		ų p	B-7 B-7	B-7	D V	π 4 c	п т 4 4	TI .	မ မျှ ဝ		ģ	0 p 4 c	D-4			!	д 4 с	<u>.</u>	<del>-</del> 7	<u>α</u> (	က <b>ု</b> လ န	υ <sub>Γ</sub> ο	D-7	D-7	
			Sht.1	Sht.1	Sht. 1	Sht.2	Sht.2	Sht.2	2	Sht.1		Sht. 7	Sht.2	Sht.2				SH S	Sht.1	Sht.1	Sht.2	Sht 2	Sht.2	Sht.1	Sht.1	
			2.5 2.5		CD >	<u>.</u> .	נט ני ד	<u>., ., ., ., ., ., ., ., ., ., ., ., ., .</u>	n T	<u>.,</u> .,		0.65	0.65	0.65	g070%cg		2,5	יים יים יים	, <u>.</u>	<u>.</u>	<u>.</u>	ე ე 	רט וו	. <del>5</del>	. <del>1</del>	
	10. QAP NO: 9348202 14. PAGE NO. 6	CAGE CODE	SMTE VISUAL	SMTE	SMTE	SMTE	SMTE	SMIE	1	SMTE		S M	SMTE	SMTE	000	SOF.	VISUAL		SMTE	SMTE	SMTE	SMTE	SMTE	SMTE	SMTE	

# QUALITY ASSURANCE PROVISION (QAP) - (CONTINUATION SHEET) (DAR R 702 - 10)

16. REVISION SYMBOL AND DATE		207 208 209 210	22222	2212	FIOIS	Z Z Z Z Z	30255	MIN 201 202 203 204 204 205	101 101 102
				MINOR:	INSPECTORILICA	MINOR: 201 T 202 L 203 V 204 V	INSPEC CRITICA MAJOR: 101 DI 102 Po 103 W	MINOR: 201 D 202 D 203 L 203 L 204 S 205 W	CRITICA MAJOR: 101 DI 102 DI
C , 921215 D , 950614 E , 970516		Width 9.0 Thickness 8.4, 2 Places Surface Roughness, 1.6, 2 Places Workmanship ( See MIL-W-63150 )	Profile (0.2) of 3.5 Width 13.5 Position (0.24) of 13.5 Width Width 2.1	R: Diameter, ( 3.188 ) Pin Holes 2 Holes Position ( 0.07 ) of Pin Hole	INSPECTION POSITION F: GUIDE, COCKING HANDLE - CRITICAL: NONE MAJOR: NONE	R: Thickness 3.93 of Cross Member Length 30.0 Width 36.32 Workmanship (See MIL-W-63150)	TION POSITION E: SUPPORT, L: NONE lameter 11.3 of Holes, 2 Places sition of Holes, 2 Places ridth 23.24 between Legs	<u>R:</u> Diameter 16.0 Diameter 29.98 Length 45.90 Surface Roughness Workmanship ( See MIL-W-63150 )	INSPECTION POSITION D: BUSHING, FRONT - DWG 9348206 CRITICAL: NONE MAJOR: 101 Diameter 13.035 102 Diameter 23.88, 2 Places C-3 0.65
1 7		т О п 4 & ю	וחרדה מססים	ு ஒ ப ப	NG HA	წ. ი. ა წ. ა	B-2 B-2 B-8	0 B 0 D	ONT - E
980630		Sht.2 Sht.2 Sht.2	Sht.2 Sht.2 Sht.2	Sht.1	NDLE .		TRIGGER FRAME  B-2  B-2  B-8		)WG 93
		N 11 12 13		j (j	DWG	2 1 1 5 5 5 5 5	000 1	2 1 1 1 1	48206 0.65 0.65
10. C	CAGE	SMTE SMTE VISUAL	SMTE SMTE 9350154 SMTE	S SMTM T M T M T M T M T M T M T M T M T M	DWG - 9348208	SMTE SMTE SMTE VISUAL	DWG - 9348207 .65 SMTE .65 SMTE .65 SMTE	SMTE SMTE SMTE VISUAL	SMTE
9348202 PAGE NO. 7	3E CODE 19200								

DARCOM 1 APR 79	SYMBOL AND DATE	REVISION	16.		AA 602							MINOR:	103 CI			MAJOR:	INSPEC	211 W						204 D		Ö	107 Pr				201		INSPECTION CRITICAL:
2484-R			C 921215 D 950614 E 97		workmanship (See MilL-W-63150)	Profile 0.25 of Datum -A- (Unrestrained)	Profile 0.25 of Datum -B- (Unrestrained)	_	 er 3.1 of	<u></u> ← ⊆	Drofile (0.64) of 11.0	⊋,	Chromium Plating Thickness ( 0.035 )	Distance 8.53	Profile (0.22) of 3.01	IF. NONE		Workmanship ( See MIL-W-63150 )	앜	0.25 of	$\sim$ .	(0.36) of	70047	Width 1.38 of Spring Slot	3.157	<u> </u>	Profile (0.22) of 8.53	OHE (0.10) OF 15.50	Position of 5.025 Diameter	Diameter 5.025	Criromium Flating Inickness ( 0.045 ) in area specified	Profile (0.24) of 2.98	<u>INSPECTION POSITION G: GUIDE, SLIDE, LEFT - DWG - 9348209 CRITICAL:</u> NONE MAJOR:
			970516 F . 980630			ined) F-3 Sht.1	Dω	·	C-1 Sht.1				) Note 6A Sht.1				<u>IDE, RIGHT - DWG - 9348210</u>		င် ဝိ	Щ (	-	F-5 Sht.2		5-4 Sht 2		C-6 Sht.2	B-6 Sht.1				Note /A Snt.1		IDE, LEFT - DWG .
	14.		10.	C.	2.5 VISUAL			1.5 SMTE		T.O ONTE			0.65 SMTE	0.65 SMTE	SMT		- 9348210					1.5 SMTH					0.65 SMTE				U.65 SMIE	0.65 SMTE	- 9348209
	14. PAGE NO. 8	9348202	DAP NO:	CAGE CODE																													

76. C, 921215 D, 950614 E, 970516 SYMBOL AND DATE AND PR 79 2484-R	INSPECTION POSITION L: BUSHING, MAGAZINE SLEEVE - DWG CRITICAL: NONE MAJOR: NONE 201 Outside Diameter 7.70 C-2 1.5 202 Inside Diameter 3.10 203 Length 15.75 204 Workmanship (See MIL-W-63150)	MINOR:  201 Length 8.0, Cutout for Bushing  Both Sides  202 Profile ( 0.44 ) of 27.6  203 Height 4.7 of Offset Leg  204 Workmanship ( See MIL-W-63150 )	INSPECTION POSITION K: BODY, MAGAZINE SLEEVE - DWG -9348213  CRITICAL: NONE  MAJOR:  101 Height 22.8, Magazine Opening 102 Length 64.76, Magazine Opening 103 Length 60.6  F-4, F-5 Sht.1 0.6	MINOR:  201 Distance 3.95 of Recess for Cover Latches, Both Sides  202 Depth 2.20 of Recess for Cover Latches, Both Sides  203 Thickness 2.97 of Legs  204 Profile ( 0.1 ) of 21.25 , 16 Degrees  205 Workmanship ( See MIL-W-63150 )	4 Holes 4 Holes 105 Profile ( 0.2 ) of 7.925 106 Profile ( 0.2 ) of 7.925, 107 Width 37.35 , Inside Area "Z" 108 Profile ( 0.08 ) of 1.1 , 3.07, 12 Degrees , Both Sides	
	C-2	D D 4.	F.4.	<u>2</u> 2	mond 4646	WG - 9 A-5 A-7
, 980630	B-2 B-3	D-6 Sht.2 B-4	VE - DW	E-8	Sht.1 Sht.1 Sht.1	348211 Sht.1 Sht.1 Sht.1
		Sht.1 1.5 Sht.1	G-934 Sht1 Sht1 Sht1	Sht.2 Sht.2 Sht.1 2 Sht.1	0.65 0.65 0.65 Sht.2	0 0 0 0 0 0 0 0 0 0 0 0
	9348214 SMTE 1.5 1.5 2.5	1.5 SMTE 1.5	8213 0.65 0.65 0.65			S S S S S S S S S S S S S S S S S S S
CAGE CODE 19200 10. QAP NO: 9348202 14. PAGE NO. 9	SMTE SMTE VISUAL	SMTE SMTE VISUAL	SMTE SMTE SMTE	SMTE SMTE SMTE SMTE VISUAL	SMTE	

# INSPECTION POSITION M: MAGAZINE SLEEVE ASSEMBLY - DWG - 9348212

CRITICAL: NONE

MAJOR:

All Components Present, Correct, and Properly Assembled

0.65 VISUAL

MINOR:

203 202 201 Location 12.75 Height 22.95, 2 Places 94 C - 20

Width 39.40 Between Bushings

205 204 Profile (0.45) to Datums Position of 3.1 Diameter

<u>.</u> SMTE SMTE SMTE SMTE VISUAL

206 Workmanship ( See MIL-W-63150 )

INSPECTION POSITION N: SUPPORT, FEED BOX - DWG - 9348215

CRITICAL: NONE

MAJOR: NONE

MINOR:

205 204 203 202 201 Workmanship ( See MIL-W-63150 ) 2 Places Angularity (0.1) of 4.0, 45 Degrees Profile (0.65) of 5.17 Height Thickness 1.75 Length 7.95 of Legs , 2 Places ကို ညှ E-4 Sht. Sht.2 **Sht.1** Sht.2 77.50 SMTE STMS SMTE VISUAL

			970516		
			F , 980630		
10	14. PAGE NO.	9348202	10. QAP NO:	19200	CAGE CODE

DARCOM , APR 79 AND DATE

2484-R

REVISION SYMBOL

C

921215

U

950614

Ш

## QUALITY ASSURANCE PROVISION (QAP) - (CONTINUATION SHEET) (DAR R 702-10)

DARCOM 1 APR 79	SYMBOL AND DATE		16.		710	3 A	214	213	212	211	210	209	700	200	206	205	204	203	202	201		124	123	121	120	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11/	116		114	113	:	112	110	109	•	108	107	ě	100	2 -	à	102	101	MAJOR:	CRITIC	INSPE
M 2484-R			C. 921215   D. 950614   E. 97		working is a property (See Mit-wa-03 130)	Protective Finish  N/ 63150	Profile ( 0.6 ) of Datum -A-, Outside Area "H"	Width (32.75)	Profile ( 0.27 ) of 0.06 , in Area " N "	=	Profile (0.4) of 37.66, 'n Area "K"	Profile (0.6) of 18.0, in Area "J"	Toshor (6 0.00) or Districted 6.000,	Position (0.17) of Datum -L-	ν.	Profile ( 0.6 ) of 22.0	( 0.6 ) of 26.	Position (0.16) of Diameter 6.035, 26	Diameter ( 6.035 )	Position ( 0.3 ) of Diameter 13.035, R282.08	-		Supplemental Oil	Coating Weight	Very Very	Profile $(0.0)$ of $10.902$	22.55 Min		Profile (0.4) of 261.35, 2 places	(0.2) of 26.05	(0.5) of	in Area "Z"	Position (0.3) of Diameter 3.005 40.84		er ( 8.050 ) thru	Lower Holes	Ø 0.4, Ø 0) of	Diameter (8.050) thru, Lower Holes	Bankfane of Rear Block	Functional Condition of Holes to	0.40 ) 01 Z0.ZZ3 []]	Profile ( 0.46 ) of Delutin -3-, 10.38 , 2/	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	orofile (0.6) of 237.2		- 1	INSPECTION POSITION P: RECEIVER
			970516   F 980630				"H" B-5 Sht 3	I	D-5 Sht.1		D-5 Sht.3	B-3 Sht.2	E-0 Off.3				<b>D</b> -1		D_4	.08 B-5 Sht.1		sembled				D-5 Sht 2	π 4 r	Note 8					2 2	B-6 Sht 3				D-8 Sht.3	7	NOTE 9			E-2 Sht.1				RECEIVER - DWG - 9348202
	-				4.5 VISUAL				1.5 1292		1.5 1292	12	7871 6.1	1 1	S	1.5 1292				1.5 9350155		22			ည်း (၁၈၈)	O.65 SMIE								0.65 1292				0.65 SMTE		0.00 1282							
	14. PAGE NO.	9348202	10. QAP NO:	CAGE CODE	Ä	IAL JAL	12923166	mi	12923172	ΠÍ	12923102	923102	372108 / SMITE	-	i m	3102	12923102	12923166	m	155		IAL :		506	505	11 IT	12923171	156	12923102	3166	12923175	1	•	12923166 / 9350156 12923166 / 9350156			12923102 / SMTE	m	-	12923104	10000100	3403					

# TABLE II SPECIAL SAMPLING INSPECTION

<u>Dimensional control of cast parts.</u> In place of the normal sampling associated with the Classification of Defects, and with the approval of the Contracting as a control of the cavity during production. Individual cavity identification consecutive parts from each cavity shall be selected for dimensional inspection random sample of five (5) parts from each cavity after production of 5,000 production or as a control of the cavity during production. In addition, a be dimensionally inspected to qualify a new or reworked cavity for use in Officer, a sample of at least ten (10) parts (as cast) from each cavity shall shall be provided.

shall be returned to the contractor for corrective action. production. Further, that portion of production since the last control check cavity, the cavity producing the defective part shall be removed from defective parts are found when inspection is performed for control of the cavity producing the defective part will not be used in production. If any If any defective parts are found during qualification of the cavity, the

after reworking, be returned to production providing they pass the qualification test specified above. The contractor may request a change of the request to the Contracting Officer. inspection frequency providing he presents objective evidence to substantiate All cavities formerly removed from production because of some fault may,

NOTE: This casting inspection does not apply to characteristics which are defined as "Critical"; characteristics which are created by machining; characteristics which are visually inspected; and characteristics for surface finish.

DARCOM 1 APR 79	AND DATE	SYMBOL	REVISION	16.	
2484-R				C 921215	
				921215   D., 950614   E., 970516	
				E 970516	
!				F 980630	
	12	14. PAGE NO.	9348202	10. QAP NO:	CAGE CODE 19200

### PART IV CERTIFICATION PROVISIONS

Certified test reports in accordance with the provisions of MIL-W-63150 are required for the following:

AND DATE FORM	REVISION		410	409	408	407	406	405	404		403	402		NUMBER 401	2010
2484-5	C , 921215   D , 950614   E , 970516		Pin, Spring	Chromium Plating Adhesion	Direction of Grain	Investment Casting Inspection Class 2, Grade B	Welding	Magnetic Particle Inspection	Protective Finish	Case Depth Hardness	Hardness	Heat Treatment		CHARACTERISTIC  Material	TO THE STATE OF TH
13	F , 980630 10. QAF NO: 9348202	CAGE CODE	DOD-P-63477/8-99P/CTR	9348209 / QQ-C-320 9348210 / QQ-C-320	9348203	9348205/ MIL-STD-2175	9348202 and MIL-STD-1261 9348212 and MIL-STD-1261 9348213 and MIL-STD-1261	9348202 / Note 6	9348202	9348204	9348204 9348205 9348209 9348210	9348204 9348205 9348209 9348210	9348206 9348207 9348208 9348209 9348210 9348211 9348213 9348214	COMPLY WITH 9348203 9348204 9348205	TERT DATA TO

DARCOM 1 APR 78

2484-R

## QUALITY ASSURANCE PROVISION (QAP) - (CONTINUATION SHEET) (DARR 702-10)

# TEST METHODS AND PROCEDURES

- 202 Characteristics Major 101 through 113 of position '0' shall be inspected before painting.
- 502 has been prepared according to MIL-I-6868 The contractor shall perform the magnetic particle inspection after the product

### 503 HARDNESS

it shall be classified as defective and the lot shall be rejected. A heat treatment batch all tests are completed. If any sample fails to comply with the hardness requirements, and quench bath for all phases of the heat treatment process. accordance with ASTM E18. Each heat treatment batch shall remain segregated until is defined as parts that have been heat treated at the same time in the same furnace Five samples shall be selected from each heat treatment batch. Testing shall be in

## 504

depth of case shall be the total distance of penetration from the surface to the nearest furnace or sait pot used. Each sample shall be cut perpendicular to the cased surface <u>CASE DEPTH HARDNESS</u>
Three (3) samples shall be selected from each day's production from each carburizing point of uniform core structure as measured on a polished and etched specimen at a and the cut surface shall then be prepared by grinding or rough polishing to remove the requirements, it shall be classed defective and the lot shall be rejected magnification not lower than 10 diameters. If any sample fails to comply with the specified in alcohol and of sufficient time to develop a contrast in case and core structure. The effects of the original cut. Etching will be done with a weak solution (1-10%) Nitric acid

### 505 SALT SPRAY TEST

corrosion, it shall be classified as defective and the entire lot shall be rejected equipment shall have the prior approval of the Government. If any part shows evidence of in DOD-P-16232 and ASTM B 117 without the supplemental oil. Test procedures and Five (5) parts shall be selected from each lot. The test shall be performed as specified

### 506 COATING WEIGHT

prior approval of the Government. If any sample does not meet the requirement of performed as specified in DOD-P-16232. Test procedures and equipment shall have the Five (5) samples or five test panels shall be selected from each tot. The test shall be DOD-P-16232, it shall be classified as defective and the lot shall be rejected

## 507 SUPPLEMENTAL OIL TREATMENT SALT SPRAY

specification. If any test panel fails to meet the applicable requirement, all items processed solution. The test duration and accept/reject criteria shall be as specified in the applicable accordance with MIL-L-3150 or MIL-C-16173 (as applicable) and ASTM B117 using a 5% salt Three test panels from each processing tank or dispenser shall be prepared and tested in since the last acceptable test shall be rejected. The test shall be performed for first article and at least semi-monthly during production

				O FOFE	DARCOM FORM
14					AND DATE
14. PAGE NO.					SIMOOL
9348202					REVISION
10. QAP NO:	F , 980630	E. 970516	921215 D , 950614	912178 0	, o.
CAGE CODE 19200					

1 APR 79